

|                                                                                    |               |             |               |                |                  |                         |                         |  |
|------------------------------------------------------------------------------------|---------------|-------------|---------------|----------------|------------------|-------------------------|-------------------------|--|
| <input type="checkbox"/> 754 Input Test / <input type="checkbox"/> 754 Output Test |               |             | Serial #      |                | Date     /     / |                         | SMR#                    |  |
| <b>TIDAL VOLUME</b> Vt must be within +/- 10% of Vt Set                            |               |             |               |                |                  |                         | <b>Tested by III #:</b> |  |
| <b>Vt Set</b>                                                                      | <b>I Time</b> | <b>Rate</b> | <b>OXYGEN</b> | <b>EXT AIR</b> | <b>PUMP</b>      | <b>Test Equipment</b>   |                         |  |
| 200 ml (180-220)                                                                   | 0.4 Sec       | 50bpm       | ml            | ml             | ml               | <b>Cal.Analyzer</b>     | <b>Test Lung</b>        |  |
| 300 ml (270-330)                                                                   | 1.2 Sec       | 17bpm       | ml            | ml             | ml               |                         |                         |  |
| 500 ml (450-550)                                                                   | 0.5 Sec       | 40bpm       | ml            | ml             | ml               | <b>Multimeter</b>       | <b>Stopwatch</b>        |  |
| 500 ml (450-550)                                                                   | 0.6 Sec       | 33bpm       | ml            | ml             | ml               |                         |                         |  |
| 500 ml (450-550)                                                                   | 1.0 Sec       | 20bpm       | ml            | ml             | ml               | <b>Air Regulator</b>    |                         |  |
| 500 ml (450-550)                                                                   | 1.5 Sec       | 13bpm       | ml            | ml             | ml               |                         |                         |  |
| 500 ml (450-550)                                                                   | 2.0 Sec       | 10bpm       | ml            | ml             | ml               | <b>Oxygen Regulator</b> |                         |  |
| 750 ml (675-825)                                                                   | 1.0 Sec       | 20bpm       | ml            | ml             | ml               |                         |                         |  |
| 1600 ml (1440-1760)                                                                | 2.4 Sec       | 12bpm       | ml            | ml             | ml               | <b>Oxygen Analyzer</b>  |                         |  |
| 3000 ml (2700-3300)                                                                | 3.0 Sec       | 6bpm        | ml            | ml             | ml               |                         |                         |  |

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| FIO <sub>2</sub> Readings must be within +/- 10% of FIO <sub>2</sub> settings.<br>I time = 1.0 sec.<br>Vt = 500 ml | <b>FIO<sub>2</sub> SET</b> | <b>O<sub>2</sub> &amp; EXT AIR</b> | <b>O<sub>2</sub> &amp; PUMP</b> | <b>PEEP:</b> <input type="checkbox"/> Control <input type="checkbox"/> LCD Indicator <input type="checkbox"/> No Leak<br><input type="checkbox"/> Cough Protection <input type="checkbox"/> High Peep Alarm<br>4.0 cmH <sub>2</sub> O (2.5-5.5 cmH <sub>2</sub> O) _____ cmH <sub>2</sub> O<br>20.0 cmH <sub>2</sub> O (18.5-21.5 cmH <sub>2</sub> O) _____ cmH <sub>2</sub> O |
|                                                                                                                    | 21%                        | %                                  | %                               |                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                    | 40%                        | %                                  | %                               |                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                    | 60%                        | %                                  | %                               |                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                    | 100%                       | %                                  | %                               |                                                                                                                                                                                                                                                                                                                                                                                |

**APNEA A/C, SIMV:** Rate 12 BPM (10.8-13.2 BPM) \_\_\_\_\_ BPM; ☐Trigger (19 Sec-I time); ☐I Time & Vt (Unit Settings)

**APNEA CPAP:** Trigger 10 Sec (9.0-11.0 Sec) \_\_\_\_\_ Sec; Pip Relief 40 cmH<sub>2</sub>O (36.0-44.0 cmH<sub>2</sub>O) \_\_\_\_\_ cmH<sub>2</sub>O;  
Rate 12 BPM (10.8-13.2 BPM) \_\_\_\_\_ BPM; I Time 1.67Sec(1.5-1.82Sec) \_\_\_\_\_ Sec; Flow 30 LPM (27.0-33.0 LPM) \_\_\_\_\_ LPM

**OPERATIONAL:** ☐External Power; Charger Voltage (13.2-14.5) \_\_\_\_\_ V; ☐Batt; Battery Charger \_\_\_\_\_ mA; ☐Powerup Defaults  
A/C: ☐Control Breaths; ☐Assisted Breaths; ☐PV Mushroom Inflates/Deflates, No Retard

**SIMV:** ☐Control Breaths; ☐Assisted Breaths; ☐Demand Breaths; Spontaneous Flow 60 LPM (54.0-66.0 LPM) \_\_\_\_\_ LPM

**CPAP:** Spontaneous Flow 60LPM (54.0-66.0 LPM) \_\_\_\_\_ LPM; ☐Demand Breaths

**CONTROLS /ALARMS / LCD INDICATORS:**

**EXTERNAL AIR:** ☐Control; ☐Low / Fail Alarm; ☐LCD Indicator; **SIGH:** ☐Control; ☐LCD Indicator

**PRESSURE PLATEAU:** ☐Control; ☐Plateau Volume Alarm; ☐LCD Indicator

**HIGH PRESSURE:** ☐Control; ☐High Pressure Alarm; ☐LCD Set point and Bar Graph Tic; ☐Pressure Alarm Settings

**LOW PRESSURE:** ☐Control; ☐Low Pressure Alarm; ☐LCD Set point and Bar Graph Tic;

**RATE:** ☐Control; ☐LCD Indicator; **I TIME:** ☐Control; ☐1:2 I:E Ratio Default; ☐LCD Indicator

**Rate Settings:** 15 BPM (13.5-16.5 BPM) \_\_\_\_\_ BPM; 60 BPM (54-66 BPM) \_\_\_\_\_ BPM; 150 BPM (135-165 BPM) \_\_\_\_\_ BPM

**I Time Settings:** 0.50 Sec (0.45-0.55 Sec) \_\_\_\_\_ Sec; 2.00 Sec (1.80-2.20 Sec) \_\_\_\_\_ Sec; 3.00 Sec (2.70-3.30 Sec) \_\_\_\_\_ Sec

**TIDAL VOLUME:** ☐Control; ☐LCD Indicator; **AIR/OXYGEN MIXER:** ☐Control; ☐LCD Indicator

**MUTE/CANCEL:** ☐Control; ☐Mutes; ☐Cancels; **MANUAL BREATH:** ☐Control; ☐Audible Beep

**MODE:** ☐Control; ☐LCD Indicator; ☐Calibration Abort Alarm; ☐Unit Calibrates; **Ver.1.85X:** ☐Autocal works

**LCD VISUAL INDICATORS:** ☐Vmin; ☐Inspiration/Exhalation; ☐Paw; ☐Power Info  
Center; ☐Digital Bar Graph; ☐Peak Airway Pressure; ☐Mean Airway Pressure

**LED INDICATORS:** ☐Charge; ☐Alarm; ☐System Failure LED & Alarm

**ALARMS:** ☐Disconnect; ☐O<sub>2</sub> Low/Fail; ☐FIO<sub>2</sub>; ☐Vt Settings; ☐Vt; ☐I Time Truncated to 3-Sec; **Ver.1.85X:** ☐Total Flow Backup; ☐External Power Fail; ☐Inverse I:E; ☐Comp. **NOTE:** Cannot check: Extended Non-Use; Preventative Maintenance

**SAFETY SHUTDOWN:** ☐40 cmH<sub>2</sub>O / 4 Seconds; ☐Exhaust Valve Opens; ☐System Failure LED and Audible

|                                                                                              |                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Ver.1.83X Vent Failure Codes OR <input type="checkbox"/> Ver.1.85X: | <b>NOTE:</b> Cannot check: Code 5 (Memory Check)<br><b>NOTE:</b> Cannot check: Code 1 (Transducer Cal Fail), Code 3 (Excessive Airway Pressure), Code 4 (Memory Check), Code 7 (Run-Time Cal. Fail) | <input type="checkbox"/> 1 (Transducer Cal Fail); <input type="checkbox"/> 2 (No Gas, Comp); <input type="checkbox"/> 3 (Total Flow Backup); <input type="checkbox"/> 4 (Excessive Airway Pressure); <input type="checkbox"/> 6 (Exhaust Valve Fail.); <input type="checkbox"/> 7 (Excessive Negative Pressure)<br><input type="checkbox"/> 2 (No Gas, Comp); <input type="checkbox"/> 5 (Exhalation Valve Failure); <input type="checkbox"/> 6 (Excessive Negative Pressure) |
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| <b>User Programs:</b> <input type="checkbox"/> Backlight Threshold; <input type="checkbox"/> Contrast; <input type="checkbox"/> Trigger Level Sensitivity;<br><input type="checkbox"/> Spontaneous Flow; <input type="checkbox"/> Demo Mode; <input type="checkbox"/> Real Time Clock Reading _____ Days, _____ Hrs;<br><input type="checkbox"/> Software Version _____ | <b>Battery; Lot #</b> _____<br><b>RTC Battery</b> _____ <b>Volts</b><br><b>Battery Age:</b> _____ <b>Months</b> |
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**Backup Ventilator:** ☐Alarm Led Blinks; System Failure LED Solid, Audible; Rate 12 BPM (10.8-13.2 BPM) \_\_\_\_\_ BPM;  
I Time 1.60 Sec (1.44-1.76 Sec) \_\_\_\_\_ Sec; Flow (>30.0 LPM) \_\_\_\_\_ LPM; ☐Pip Relief 40 cmH<sub>2</sub>O (36-44 cmH<sub>2</sub>O); ☐Man'l Trigger

**Battery:** Voltage (11.8-14.5V) \_\_\_\_\_ V; Low Alarm (11.1-11.7V) \_\_\_\_\_ V; Low Batt. Shutdown (8.5-9.3V) \_\_\_\_\_ V

**External Power Low/Fail Alarm:** Low Alarm (10.5-11.1V) \_\_\_\_\_ V; Fail Shutdown (9.50-10.50V) \_\_\_\_\_ V

|                                                                                                                                                                                                                                                                                                                                           |                   |
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| <b>Cosmetics (N/A on Input Test):</b> <input type="checkbox"/> Nuts & Screws Tightened; <input type="checkbox"/> Knobs Aligned & Tight;<br><input type="checkbox"/> Foam Blocks @ Battery Door; <input type="checkbox"/> Copper Tape; <input type="checkbox"/> Ground Strap Attached; <input type="checkbox"/> Input Power Inductor RTV'd | <b>III#</b> _____ |
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**EEPROM (N/A on Input Test):** ☐Protection Enabled; ☐Real Time Clock Reset; \*☐T1 Saved; \*☐T2 Saved; \*☐Slope Calculated  
(\* = ☐Ver1.85X N/A)